MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MARCH 1924

J. A. BROWN, DIRECTOR

PRINTED AT THE UNIVERSITY PRESS

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AUG 7 - 1924

MARCH 1924

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min. on grass		
1	757.4	758.4	758.9	758.2	27.9	15.6		0.6	
2	7.7	9.0	61.1	9.3	17.1	9.7		5.5	15.10
3	62.9	63.3	4.1	63.4	16.3	11.7		6.1	
4	4.9	4.5	4.8	4.7	16.5	10.0		8.5	
5	4.7	3.0	2.5	3.4	15.6	9.9	—	8.4	
6	0.3	57.6	57.2	58.4	18.7	11.4		0.2	
7	58.3	9.4	60.9	9.5	19.1	14.5		3.8	
8	61.8	60.3	59.1	0.4	17.0	12.8		3.2	
9	53.5	52.4	3.3	53.1	16.4	12.9		0	6.22
10	8.1	60.1	62.0	60.1	18.1	11.0	—	5.3	1.27
11	65.2	5.2	6.2	5.5	17.9	12.2		7.3	
12	4.8	1.9	0.9	2.5	17.4	11.8		6.1	
13	57.8	57.2	58.1	57.7	20.1	12.7		3.5	
14	9.7	9.9	60.7	60.1	17.7	13.4		0.3	2.29
15	62.7	62.5	3.2	2.8	16.3	12.9	—	5.7	
16	2.8	57.7	55.5	58.7	16.0	9.7		5.1	
17	51.3	2.2	6.0	3.2	26.0	14.0		0	3.56
18	60.3	62.4	64.0	62.2	15.7	11.8		0.4	3.05
19	5.5	4.0	3.6	4.4	17.3	11.8		7.2	
20	0.7	58.7	58.9	59.4	20.3	13.4	—	0.7	
21	1.4	61.7	63.4	62.2	20.3	15.9		5.8	
22	5.0	4.6	3.6	4.4	20.3	13.0		6.5	
23	3.2	1.4	0.1	1.6	20.1	14.1		5.4	
24	57.9	56.7	56.9	57.2	23.7	15.5		8.3	
25	6.9	7.4	9.2	7.8	20.4	15.7	—	8.7	
26	60.1	9.9	60.5	60.2	19.7	13.9		7.3	
27	0.0	60.6	0.7	0.4	20.2	14.4		8.8	
28	1.1	0.1	0.2	0.5	21.4	14.2		8.5	
29	57.8	56.7	54.0	56.2	24.1	16.4		8.3	
30	9.3	60.0	60.3	9.9	24.7	17.1		7.3	
31	6.7	55.6	58.5	56.9	27.3	13.0		8.4	
	760.3	759.8	760.3	760.1	19.7	13.1		5.2	31.50

BAROMETER

Maximum	766.2	on 11th
Minimum	751.3	on 17th

THERMOMETER

Maximum	27.9	on 1st
Minimum	9.7	on 2nd & 16th
Minimum on grass		on

RAINFALL

Maximum 15.105 mm. on 2nd

Number of days with rain 6 thunderstorms 0 fog 0 gale 2

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	16.8	16.7	13.9	15.8	14.1	13.5	11.6	10.4	9.6	8.8	9.6	73	69	74	72
2	12.4	16.7	14.2	14.4	10.0	13.1	10.9	7.8	9.0	8.0	8.3	73	64	67	68
3	13.6	15.7	12.2	13.8	11.1	11.4	9.7	8.5	7.9	7.5	8.0	72	59	71	67
4	14.3	16.3	12.5	14.3	10.3	10.9	9.8	7.3	7.1	7.1	7.2	60	51	70	60
5	14.1	15.3	14.7	14.7	10.1	10.9	10.8	7.2	7.5	7.7	7.5	60	57	77	68
6	15.4	18.6	17.6	17.2	12.1	14.3	14.0	8.7	9.7	10.5	9.6	67	61	70	66
7	16.7	18.1	16.0	16.9	13.8	14.8	13.2	10.1	10.5	9.6	10.1	72	68	72	71
8	14.7	16.9	15.3	15.6	11.2	12.8	12.8	8.0	8.7	9.5	8.7	65	61	74	67
9	15.4	13.3	14.7	14.5	11.8	12.7	11.6	8.3	10.5	9.5	9.1	64	92	69	75
10	15.1	17.8	14.2	15.7	13.0	12.6	12.1	9.9	8.1	9.3	9.1	77	53	78	69
11	15.3	17.7	13.4	15.5	12.4	13.2	11.5	9.0	8.8	9.0	8.9	70	58	78	69
12	16.2	17.3	15.8	16.4	12.8	13.8	13.7	9.0	9.7	10.3	9.7	66	66	78	70
13	16.9	19.0	15.9	17.3	14.6	15.4	14.0	10.9	10.8	11.6	11.1	76	66	86	76
14	14.9	17.0	14.8	15.6	14.0	14.7	11.8	11.2	11.0	8.6	10.3	89	77	68	78
15	14.0	15.7	11.9	13.9	10.1	10.6	9.4	7.2	7.1	10.0	8.1	61	53	71	62
16	14.0	15.7	15.8	15.2	10.8	11.7	13.9	7.7	8.2	10.6	8.8	62	61	79	67
17	22.1	20.4	15.0	19.2	15.2	15.8	13.1	9.2	10.6	10.0	9.9	47	59	79	62
18	14.2	14.9	14.2	14.4	11.8	12.2	12.3	9.0	9.0	9.6	9.2	75	71	79	75
19	16.5	17.0	15.5	16.3	13.0	9.8	13.3	9.1	9.8	10.1	9.7	65	69	77	70
20	17.2	18.5	17.3	17.7	15.6	16.5	14.8	12.1	12.6	10.9	11.9	82	80	74	79
21	17.9	19.4	15.6	17.6	15.6	16.9	15.0	11.6	12.6	12.3	12.2	76	75	94	82
22	16.6	18.4	16.6	17.2	15.2	16.4	15.9	11.9	12.6	13.0	12.5	84	80	93	86
23	17.8	19.6	17.3	18.2	16.4	17.4	16.4	12.9	13.4	13.4	13.2	85	79	91	85
24	19.4	20.8	18.7	19.6	17.2	18.7	15.6	13.1	14.5	11.1	12.9	78	80	70	76
25	18.6	19.6	15.7	18.0	16.7	17.0	14.8	12.9	12.7	12.0	12.5	82	75	90	82
26	17.0	19.5	16.9	17.8	15.2	16.5	15.4	11.6	12.0	12.0	11.9	81	72	84	79
27	18.0	19.8	16.8	18.2	15.5	16.6	15.6	11.5	12.0	12.3	11.9	75	71	87	78
28	18.5	20.9	17.3	18.9	16.5	16.8	15.6	12.6	11.6	12.0	12.1	80	63	81	75
29	20.3	22.6	23.9	22.3	16.3	18.2	15.6	11.3	12.6	8.9	10.9	64	62	40	55
30	19.0	21.0	16.4	18.8	16.7	18.1	16.0	12.5	13.4	13.4	13.1	77	72	96	82
31	21.3	23.5	17.6	21.8	14.8	17.9	15.4	9.1	11.9	11.6	10.9	48	55	77	60
	16.6	18.2	15.7	16.9	13.7	14.6	13.4	10.1	10.5	10.3	10.3	71	67	77	72

Height of Barometer above sea level : 33.7 meters.

„ „ Thermometers above ground :

Dry and wet 1.55 m. ; Max. 1.75 m. ; Min. 1.70 m.

Height of Rain Guage : above ground 0.56 m. ; above sea level 30.31 m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

MARCH 1924

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	10	10	10n	10	2	3	3	395.3	slight	
2	6ci n	5	0	3.7	3	4	3	502.4	rough	gale
3	9n	5cu n	0	4.7	2	1e	0	205.0	v. slight	
4	0	0	0	0	0	0	0	113.0	calm	
5	1s	7ci s	0	2.7	1ne	2n	2ne	166.0	,,	
6	6ci s	5cu n	0	3.7	0	2ne	1ne	193.6	slight	
7	9cu n	9	0	6.0	2s	1	2n	111.3	v. slight	
8	8cu s	8s	0	5.3	3ne	1ne	0	310.8	,,	
9	10cu n	10n	10n	10	1s	0	0	214.8	,,	tr. in a.m.
10	7cu s	8cu s	5cu n	6.7	0	1n	0	115.1	,,	
11	3	8cu ci	2	4.3	1	2	0	343.8	,,	
12	0	0	0	0	0	2	2ne	152.1	calm	hazy
13	4s	10cu s	3	5.7	0	0	0	136.0	,,	
14	10cu n	10cu n	8cu n	9.3	0	1s	3	209.5	,,	
15	7cu n	4cu s	6	5.7	2	1n	1	227.1	v. slight	
16	0	10	10	6.7	1ne	2ne	2ne	193.1	,,	
17	10	10	10cu n	10	3	4	3	486.3	rough	sirocco
18	8cu n	10cu n	10cu n	9.3	3	2	1	319.7	slight	gale at night
19	2	2	2	2.0	0	2ne	4	193.1	v. slight	
20	8	10	10	9.3	0	0	0	202.2	,,	
21	4	0	0	1.3	1	1	0	205.5	calm	
22	2	2s	0	1.3	1	1	1ne	139.0	,,	dew at night
23	0	2s	2s	1.3	0	0	0	188.5	v. slight	dew at night
24	6cu s	10cu n	10	8.7	0	0	0	180.8	calm	
25	0	0	0	0	0	1s	0	159.9	v. slight	
26	2ci	2s	2	2.0	0	2	1ne	78.3	calm	dew at night
27	1s	0	0	0.3	1w	0	0	185.0	,,	
28	0	0	0	0	0	1nw	0	98.1	,,	
29	0	0	0	0	0	0	0	116.2	,,	sirocco
30	0	0	0	0	2	1	0	281.3	slight	dew in the eve
31	0	0	3	1.0	0	4	4	181.1	rough	
				4.2				213.0		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	3	0	0	2	10	1	0	15
2:30	3	4	1	0	2	12	0	1	8
8:30	0	6	0	0	0	8	1	0	16
Totals	3	13	1	0	4	30	2	1	39

N.B.—Cloud numbers without letters are all cu.

Wind ,, ,, ,, ,, ,, sw.